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* Admitted in NY only
** Passed the Patent Bar Examination

September 14, 2001

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/896,417
Applicant: Richard Sharp
Filed: June 28, 2001
Title: *METHOD FOR ACHIEVING TRANSMISSION PERFORMANCE OVER
FIBER USING A MACH-ZEHNDER MODULATOR*
Attorney Docket No.: SYCS-016/P79

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice To File Missing Parts of Application (2pgs);
2. Copy of Form PTO-1533 (1pg);
3. An Executed Declaration, Petition and Power of Attorney (5pgs);
4. Request to Correct Filing Receipt (1pg);
5. Copy of Filing Receipt with corrections marked in red;
6. Check in the amount of \$130.00 (missing parts); and
7. Return postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231 on:

September 14, 2001

Date

David R. Burns

David R. Burns, Reg. No. 46,590

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

David R. Burns

David R. Burns
Reg. No. 46,590
Attorney for Applicant



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Richard Sharp

Serial No.: 09/896,417

Filed: June 28, 2001

For: *METHOD FOR ACHIEVING TRANSMISSION
PERFORMANCE OVER FIBER USING A MACH-ZEHNDER
MODULATOR*

Attorney Docket No.: SYCS-031/P79

Group Art Unit: 2874

Examiner: Not Assigned

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 C.F.R. §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

September 14, 2001

Date of Signature and of Mail Deposit

By:

David R. Burns
David R. Burns
Reg. No. 46,590
Attorney for Applicant

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION**

Dear Sir:

Responsive to the Notice to File Missing Parts of Nonprovisional Application
Filed Under 37 CFR 1.53(b) Filing Date Granted mailed August 20, 2001, Applicants'
attorney is enclosing an executed Declaration, Petition and Power of Attorney for Patent

Application together with a copy of the Notice to File Missing Parts of Nonprovisional
Application Filed Under 37 CFR 1.53(b) Filing Date Granted.

In addition, Applicants' attorney is enclosing a check in the amount of \$130.00
for the declaration surcharge as set forth in 37 CFR 1.16(e) based on large entity status.

Please charge any underpayments or credit any overpayments associated with this
communication to our Deposit Account No. 12-0080. A duplicate of this letter is
enclosed.

Respectfully submitted,



David R. Burns
Registration No. 46,590
Attorney for Applicant

LAHIVE & COCKFIELD, LLP
28 State Street
Boston, MA 02109
Tel. (617) 227-7400

Dated: September 14, 2001



Rec'd
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Richard Sharp

Group Art Unit: 2874

Serial No.: 09/896,417

Examiner: Not Yet Assigned

Filed: June 28, 2001

For: METHOD FOR ACHIEVING
TRANSMISSION PERFORMANCE OVER FIBER
USING A MACH-ZEHNDER MODULATOR

Attorney Docket No.: SYCS-031/P79

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:

The Filing Receipt for the above-identified patent application has a word in the title incorrectly spelled. The correct spelling should be "Method for Achieving Improved Transmission Performance over Fiber Using a Mach-Zehnder Modulator" instead of "Method for Acheiving Improved Transmission Performance over Fiber Using a Mach-Zehnder Modulator. A copy of the Filing Receipt with the changes noted thereon is submitted herewith.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Washington, DC 20231 on:

September 14, 2001

Date

David R Burns

David R. Burns, Reg. No. 46,590

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

David R Burns

David R. Burns
Reg. No. 46,590
Attorney for Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/896,417	06/28/2001	Richard Sharp	P-79/SYCS-031

CONFIRMATION NO. 2279

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109

FORMALITIES LETTER



OC00000006449648

Date Mailed: 08/20/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.

K. SAYSON

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/20/2001 BNGUYEN1 00000024 09896417

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130.00 DP



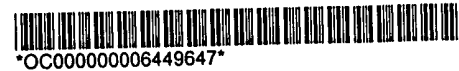
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/896,417	06/28/2001	2874	862	P-79/SYCS-031	9	24	4

CONFIRMATION NO. 2279

FILING RECEIPT



OC00000006449647

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109

Date Mailed: 08/20/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Richard Sharp, Wayland, MA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 08/20/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

achieving
Method for ~~achieving~~ improved transmission performance over fiber using a Mach-Zehnder modulator

Preliminary Class

385

RECEIVED
LAHIVE & COCKFIELD
DOCKET DEPT.

AUG 22 2001

RETRIEVED:

FORWARDED: 9/10/01

Data entry by : SAYSON, KLEITON

Team : OIPE

Date: 08/20/2001

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 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